

Best Management Practices (BMPs) for Vehicle and Equipment Repair Environmental Protection

The City of Corona requires that all vehicle and equipment repair facilities use BMPs as a means of limiting pollutant discharges into the sewer system

1. In order to reduce the amount of pollutants reaching the sewer system and storm drain system, the City has developed the following BMPs for all vehicle and equipment repair shops.



- **BMPs FOR SHOP PRACTICES:** Wastewater from parts cleaning, engine cleaning, drive train and undercarriage cleaning, as well as radiator flushing must be contained and may not be discharged directly or indirectly to the storm drain or sanitary sewer.
- **BMPs FOR OIL / WATER SEPARATORS:** Oil / water separators are designed to provide effective pre-treatment of greasy wastewater before it is discharged into the sanitary sewer. All shop floor drains and mop sinks will

be connected to the oil/water separator.

- **BMPs FOR PARTS CLEANING:** Scrape parts with a brush or use non-toxic cleaning products. Prevent leaks and spills by placing drip pans underneath parts to capture fluids.
- **BMPs FOR PROPER STORAGE OF HAZARDOUS WASTE:** Store all used fluids, i.e. used oil, used transmission fluid, used anti-freeze in approved containers away from all floor drains. Keep all fluids segregated and keep all materials under cover or inside to prevent contamination by rainwater.
- **BMPs FOR PROPER DISPOSAL OF HAZARDOUS WASTE:** Recycle solvents, oil, used oil filters, batteries and lubricants by contacting a hazardous waste hauler.
- **BMPs FOR HOUSEKEEPING:** Clean up leaks, drips, and spills immediately without using water. Use dry absorbents, such as rags, kitty litter or a wet vacuum. **REMEMBER** “Spills are not cleaned up “ until the absorbent is picked up and disposed of properly. Sweep or vacuum shop floors instead of hosing or mopping with water. Collect metal filings, dust, and paint chips and dispose of properly. Collect all brake pad dust and dispose of properly. **NEVER** discharge brake pad dust to the storm drain or sanitary sewer.
- **BMPs FOR CLEANING PARTS AND ENGINES AND FLUSHING RADIATORS:** Designate specific areas or service bays for engine, parts, or radiator cleaning. Keep solvent sinks and tanks covered when not in

use. Collect and reuse cleaning solvents and the water used in flushing and testing radiators. Allow parts to dry over hot tank. If rinsing is required, rinse over tank. Rinse and drain parts over a solvent sink or tank so that the solvent will not drip onto the floor. Use drip pans to catch excess solvent and divert it back to sink. Use self-contained sinks and tanks when working with solvents and aqueous cleaners.



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